

Process and apparatus for the reduction of nitrogen oxides

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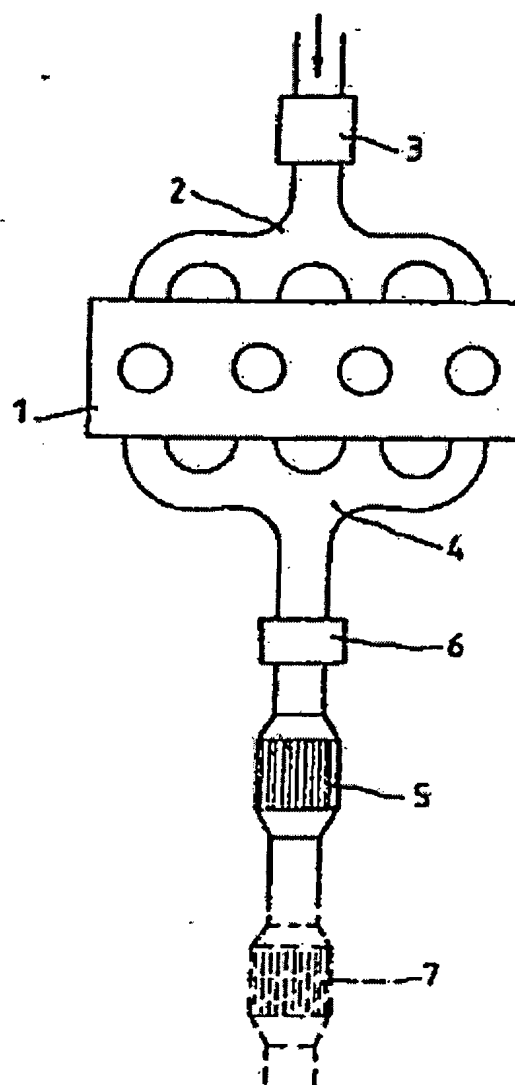
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Abstract of DE3642018

A process and apparatus for the reduction of nitrogen oxides contained in oxygen-containing exhaust gases is described as well as an apparatus for carrying out this process which is preferably used in a device for purifying the combustion exhaust gases of an internal combustion engine. In order to avoid the use of ammonia, which is hazardous from the health aspect, in the reduction of nitrogen oxides from oxygen-containing exhaust gases, the nitrogen oxides are to be converted in the presence of hydrocarbons on a zeolite-containing catalyst. In this manner, even the exhaust gases of internal combustion engines operated with an air excess can be treated by passing these exhaust gases over such zeolite catalysts (5).



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